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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/800,559	03/07/2001	Carl P. Taussig	10004568	4079

7590 07/22/2002  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

ST CYR, DANIEL

ART UNIT	PAPER NUMBER
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2876

DATE MAILED: 07/22/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/800,559

Applicant(s)

TAUSSIG ET AL.

Examiner

Daniel St.Cyr

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

## DETAILED ACTION

### *Specification*

1. The abstract of the disclosure is objected to because the abstract contains more than a single paragraph. Correction is required. See MPEP § 608.01(b).
2. The specification is objected to because on pages 2, 14, and 16, the co-pending serial number applications are missing.

### *Claim Objections*

3. Claims 1, 3, 4, 7, 9 are objected to because of the following informalities:  
Claim 1, line 5 "said" should be deleted.  
Claims 3 and 4, line 3, "the" should be changed to --a--.  
Claim 7, line 2, "the" before "outermost" should be deleted.  
Claim 9, line 2 "the next" should be changed to --a next--.  
Appropriate correction is required.
4. The examiner respectfully suggests that the applicant reviews the remaining claims for informalities regarding the use of "the" and/or "said".

### *Claim Rejections - 35 USC § 102*

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-27 are rejected under 35 U.S.C. 102(b) as being anticipated by Gilbert, US patent No. 3,611,319.

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Gilbert discloses an electrical alterable read only memory comprising: an array 10 consisting of three word lines, designated W1, W2 and W3, and three bit lines, designated B1, B2 and B3, each word line is initially connected to every one of the bit lines by a data storing cell, generally designated by the letter C followed by numbers, designating the particular word and bit lines between which the cell is connected, each cell is comprised of a current-conducting element, typically a diode 12, connected in series with a fuse element 14, the fuse element 14 need not be a separate component but rather, may consist of the current-conducting link between the cell and the bit line. By supplying a sufficiently high current to any of the cells, this conducting link is affected to permanently disrupt the flow of current therethrough, and thereby inhibit subsequent flow of current through the cell which results in switching its second binary state (see figures 1-3; col. 3, line 32+).

### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Engeler et al, US Patent No. 3,795,847, disclose a method and apparatus for storing and transferring information. Saitoh, US Patent No. 4,382,289, discloses a semiconductor memory device. Glenn, US Patent No. 4,729,030, discloses a noise and video display apparatus. Fukushina, US Patent No. 4,922,319, discloses a semiconductor programmable memory device. Bennett et al, US patent no. 5,034,736, disclose a bistable display with permuted excitation. Rovin, US Patent No. 5,049,728, discloses an IC card system with removable IC module. Babson et al, US patent No. 5,905,670, disclose a ROM storage cell and method of fabrication. Kobayashi et al, US Patent No. 6,160,788, disclose a data recording medium, recording and reproducing system and residual amount display method. Chen et al, US Patent No. 6,178,132,

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disclose a non-volatile integrated circuit having read while write capability using one address register.

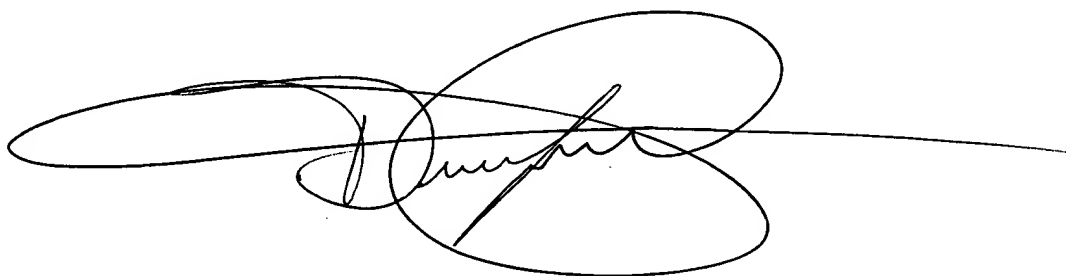
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel St.Cyr whose telephone number is 703-305-2656. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G Lee can be reached on 703-305-3503. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7721 for regular communications and 703-308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Daniel St.Cyr  
Examiner  
Art Unit 2876

DS  
July 17, 2002

A handwritten signature in dark ink, appearing to read 'Daniel St.Cyr', with a large, stylized loop and a long horizontal stroke extending to the right.